

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



1/23

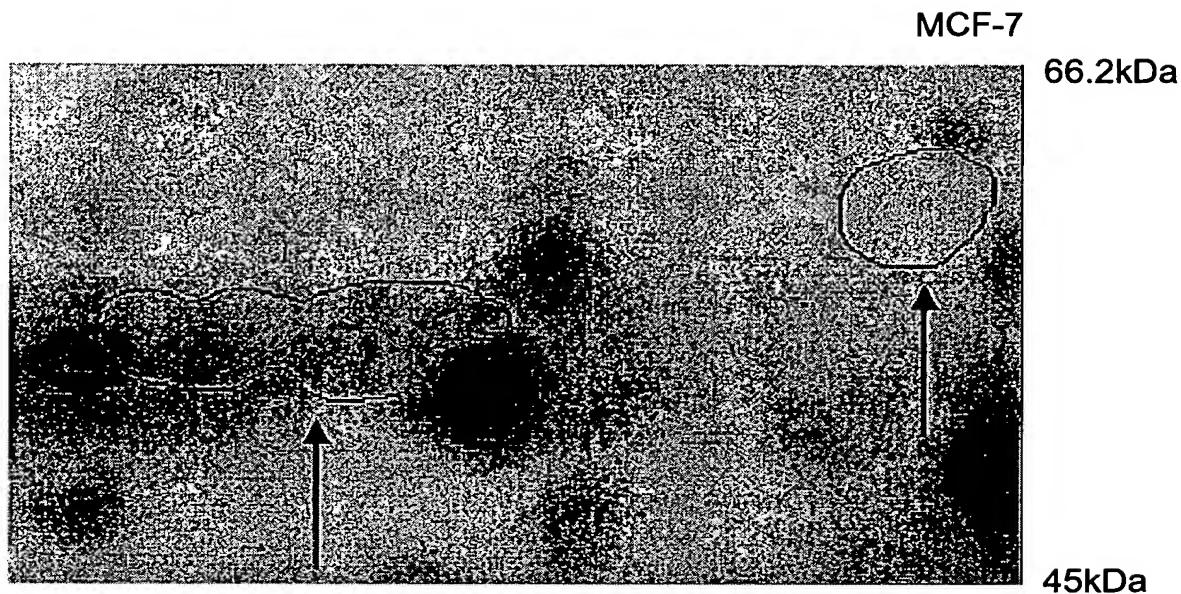
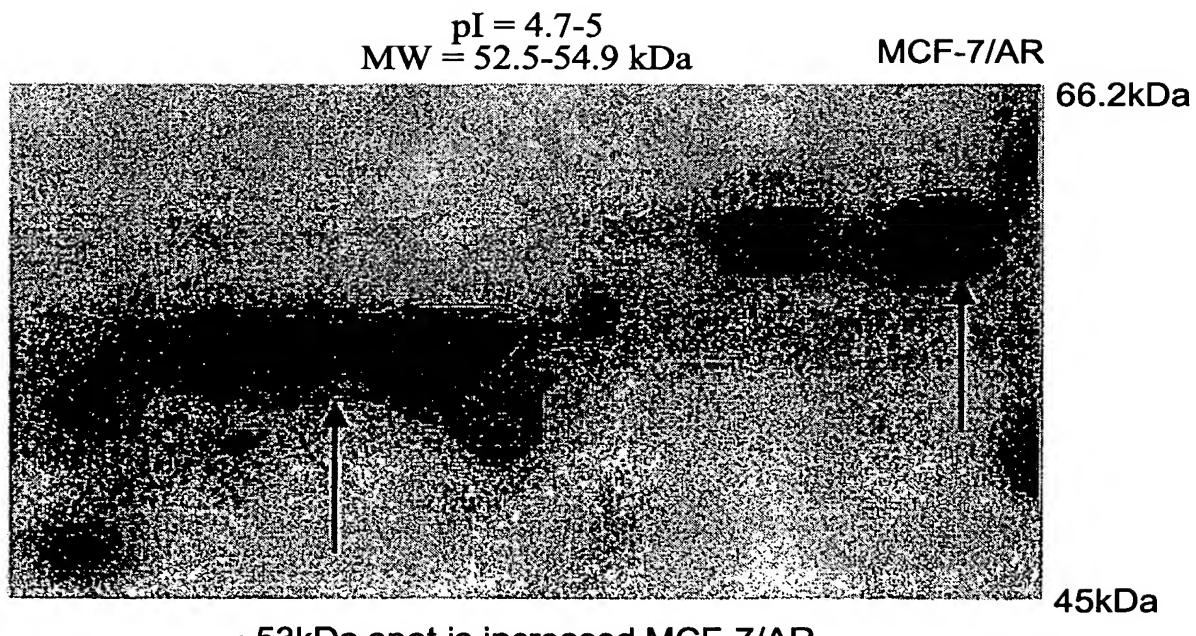


FIG. 1A



~53kDa spot is increased MCF-7/AR

FIG. 1B

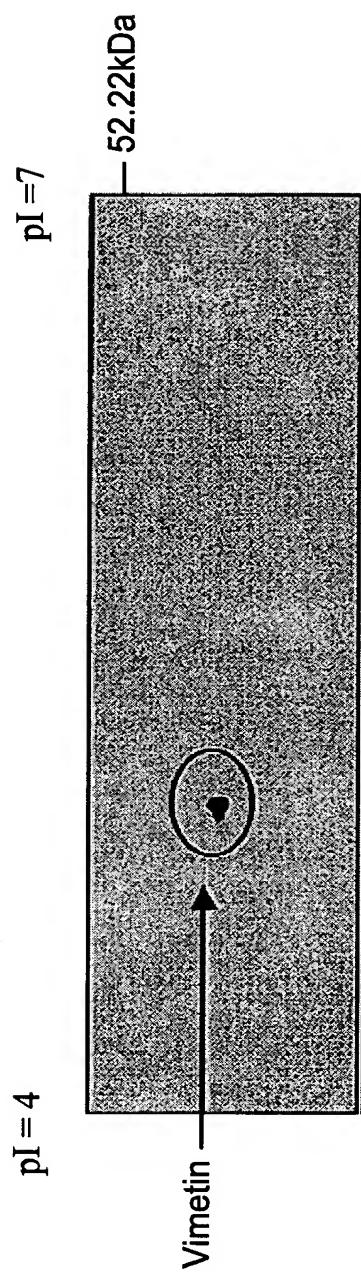


FIG. 2A
MCF-7

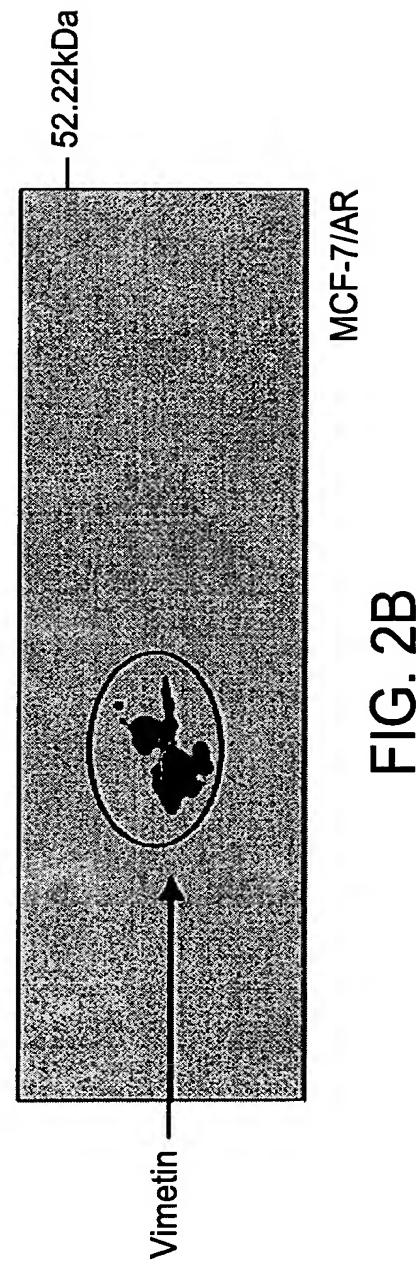


FIG. 2B
MCF-7/AR

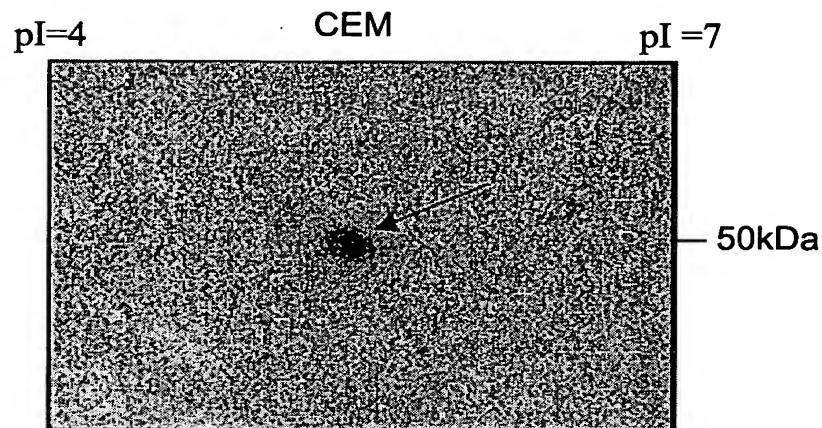


FIG. 3A

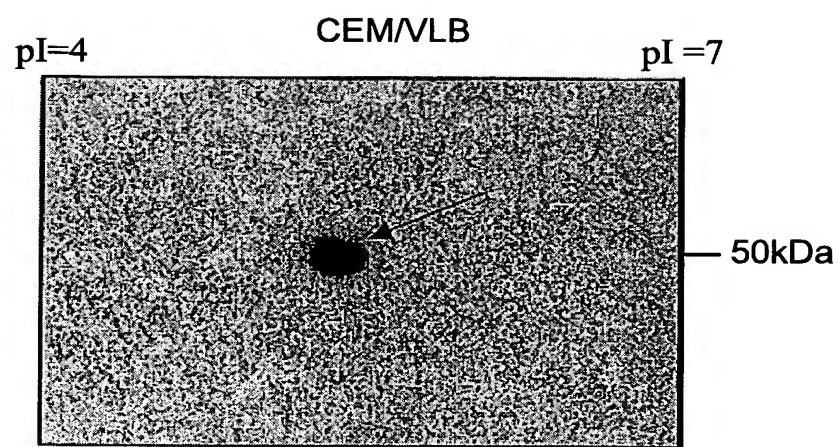


FIG. 3B

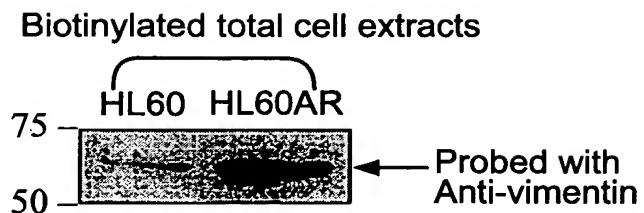


FIG. 4A

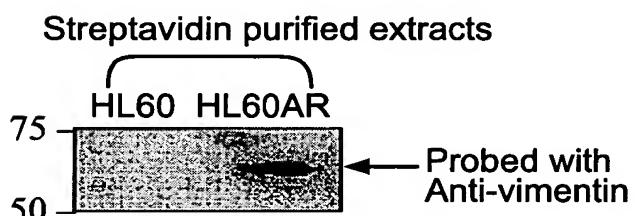


FIG. 4B

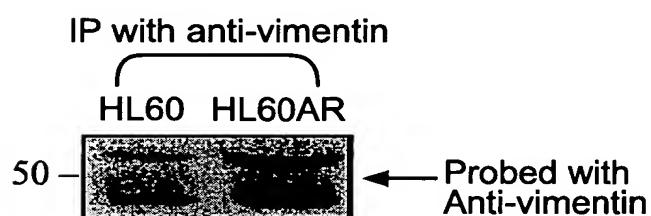


FIG. 4C

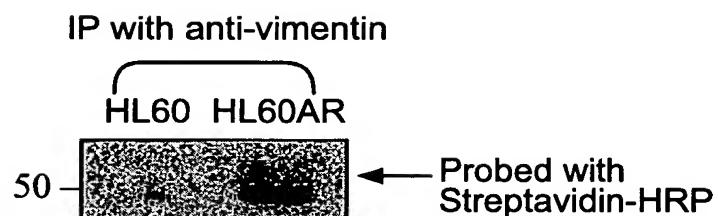


FIG. 4D

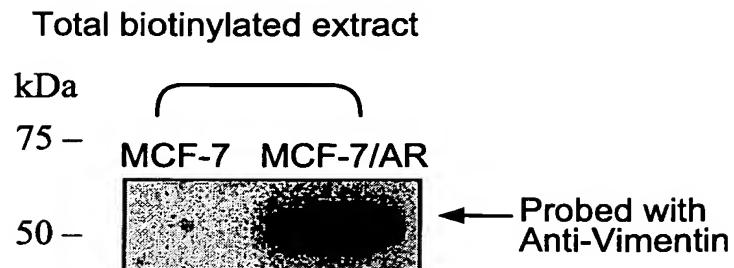


FIG. 5A

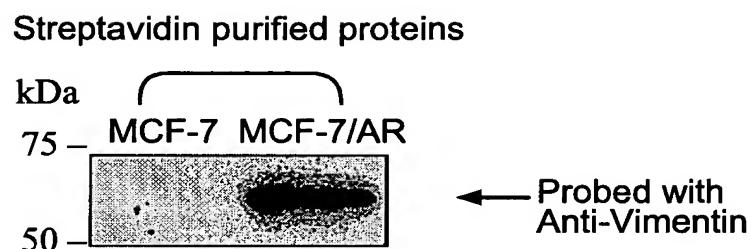


FIG. 5B

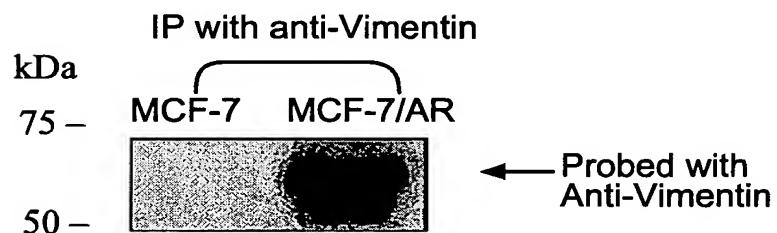


FIG. 5C

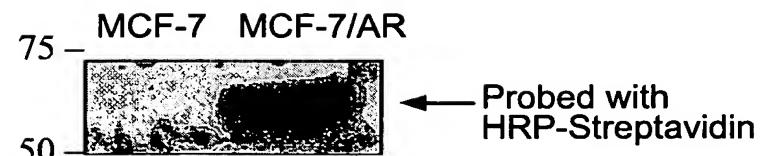


FIG. 5D

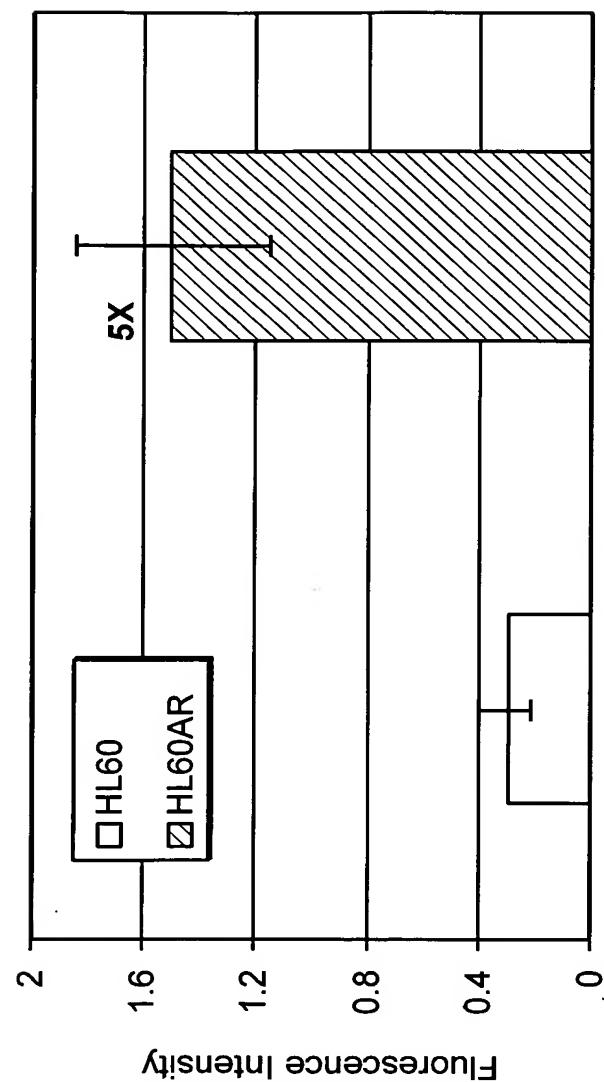


FIG. 6

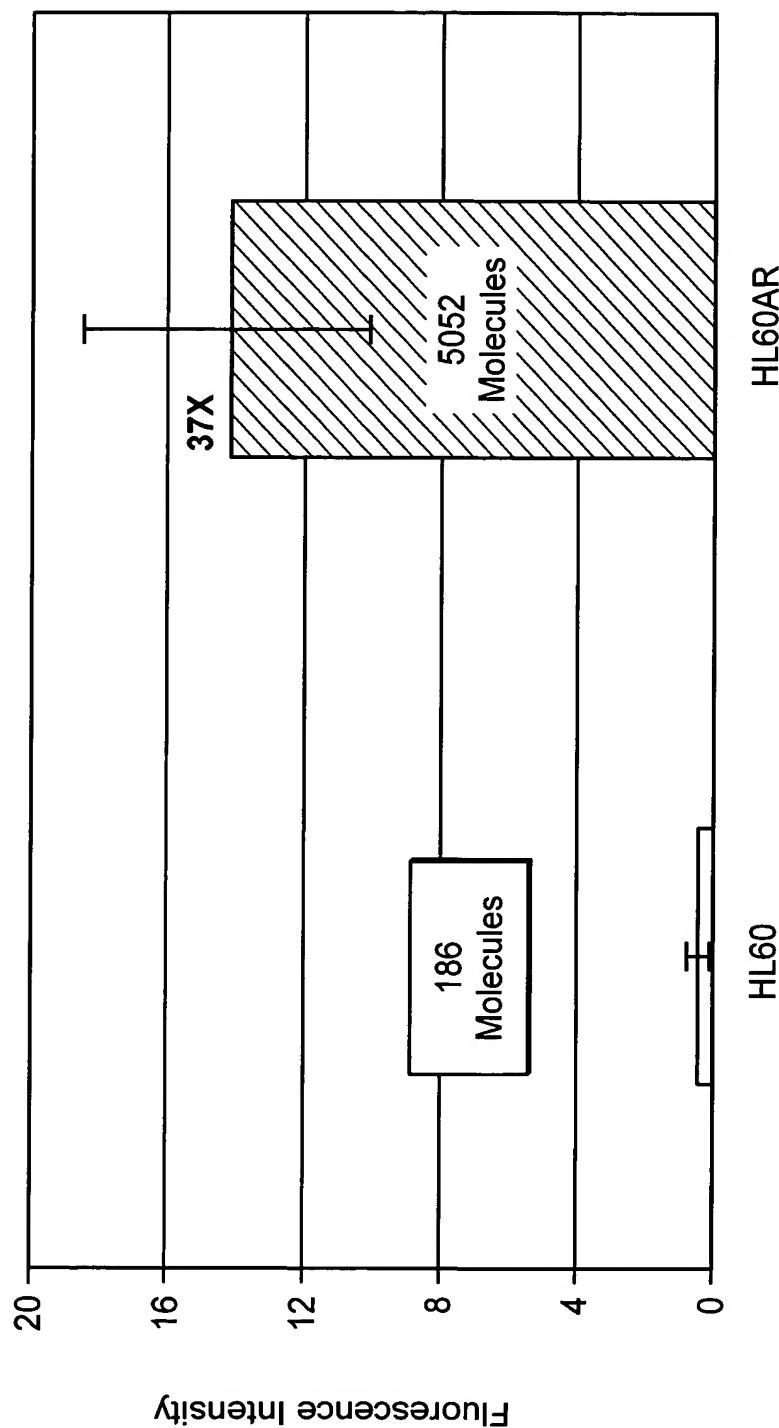


FIG. 7

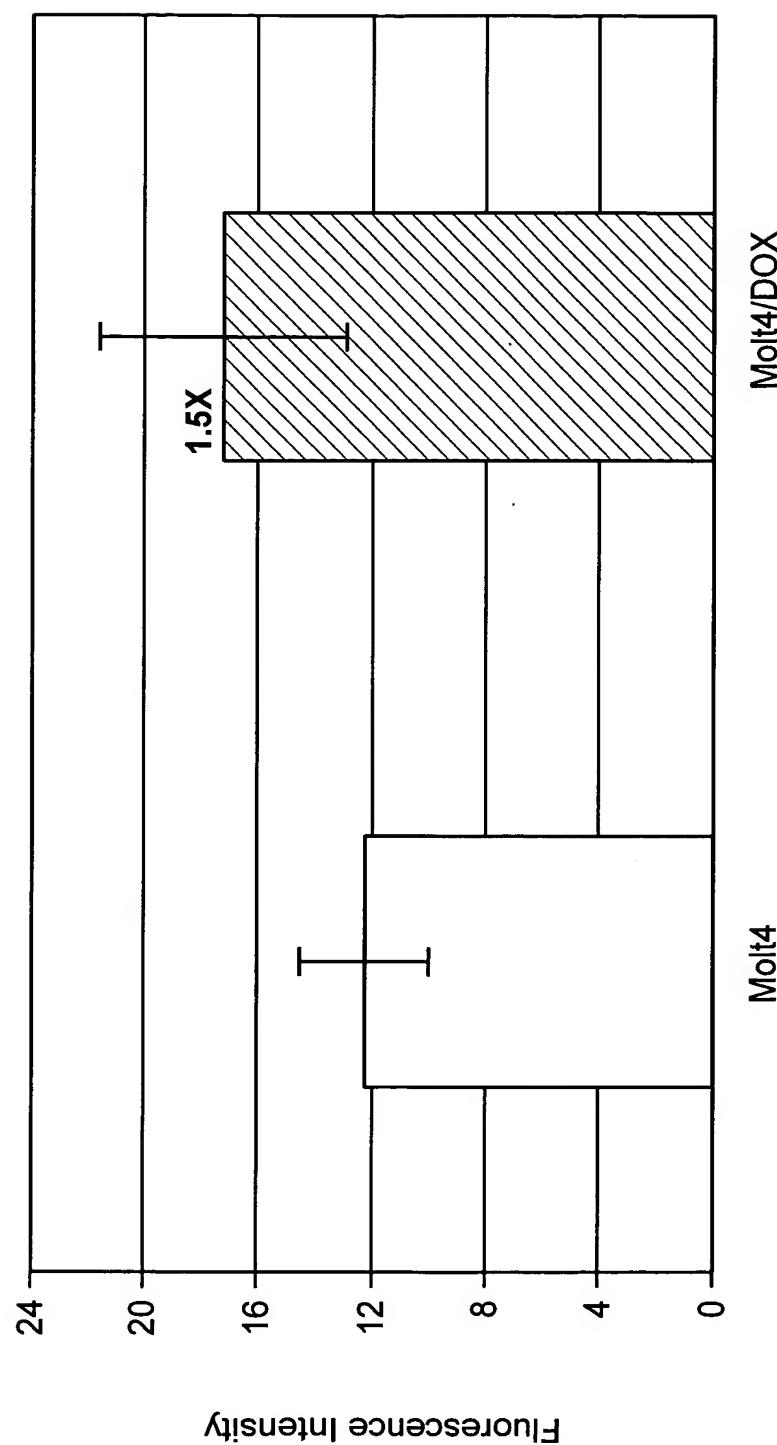


FIG. 8

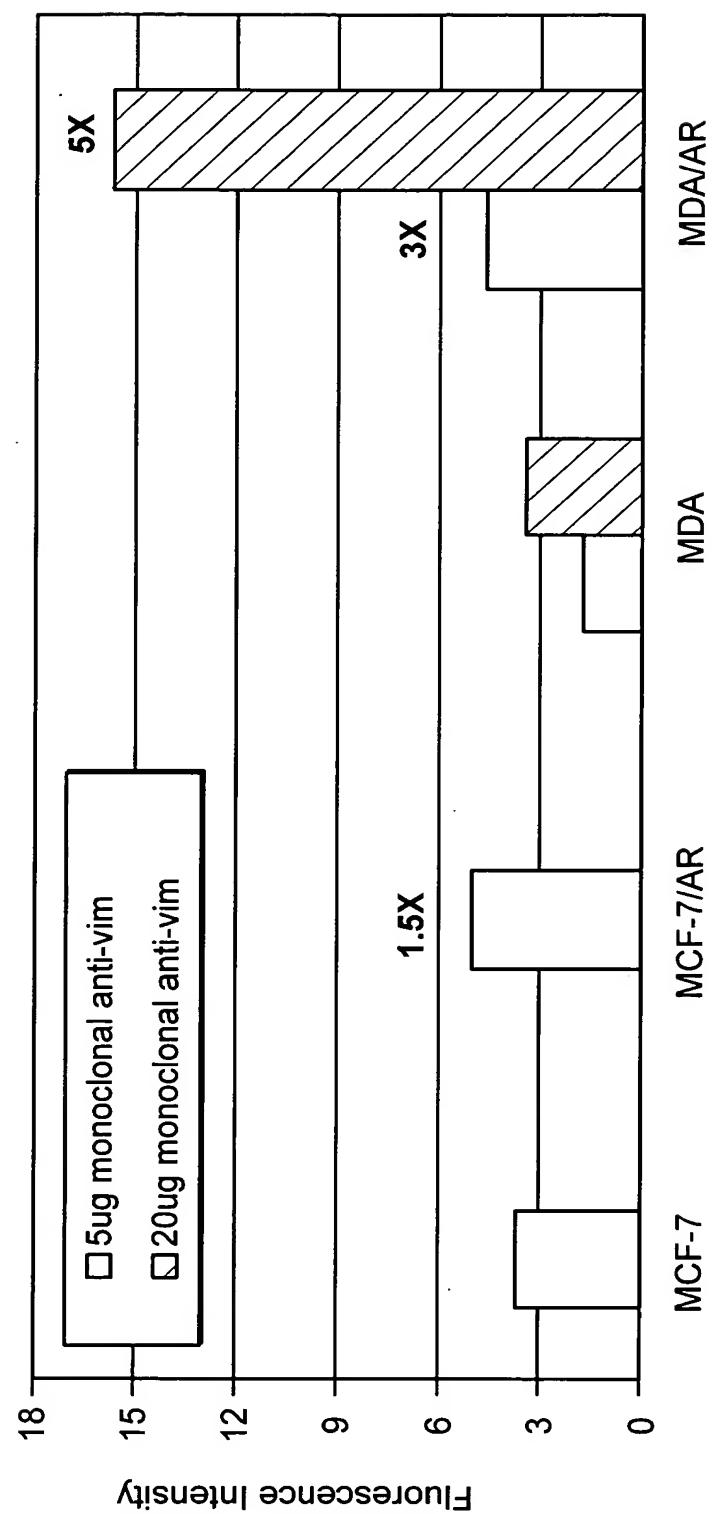


FIG. 9

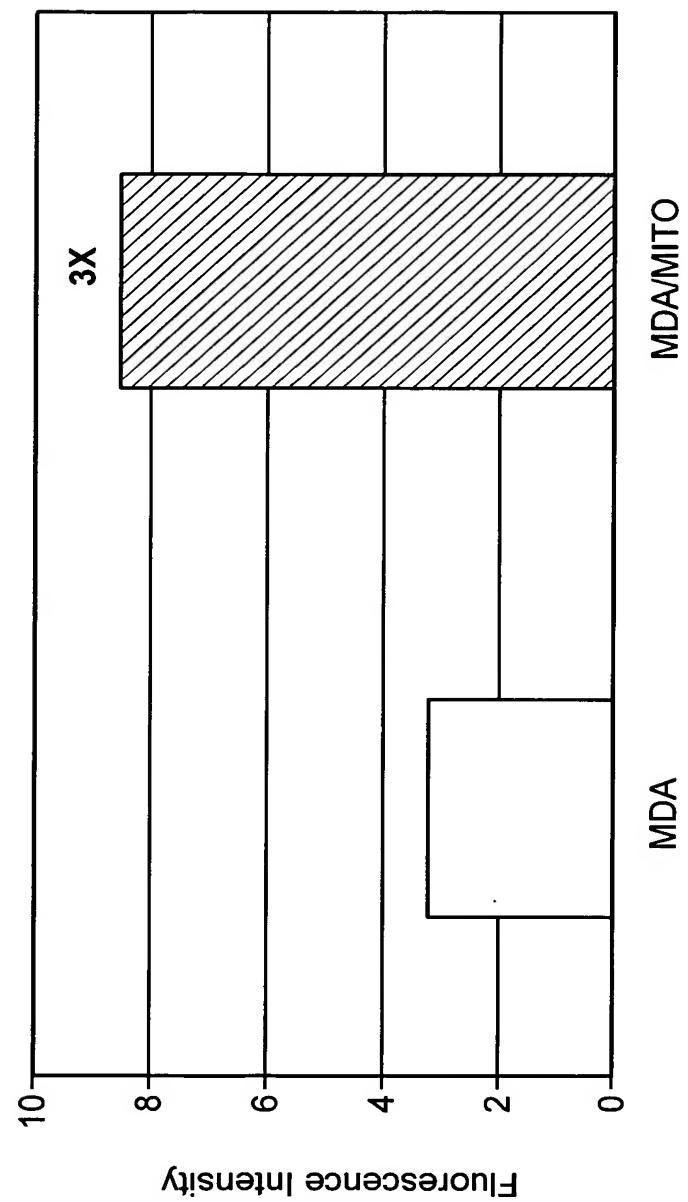


FIG. 10

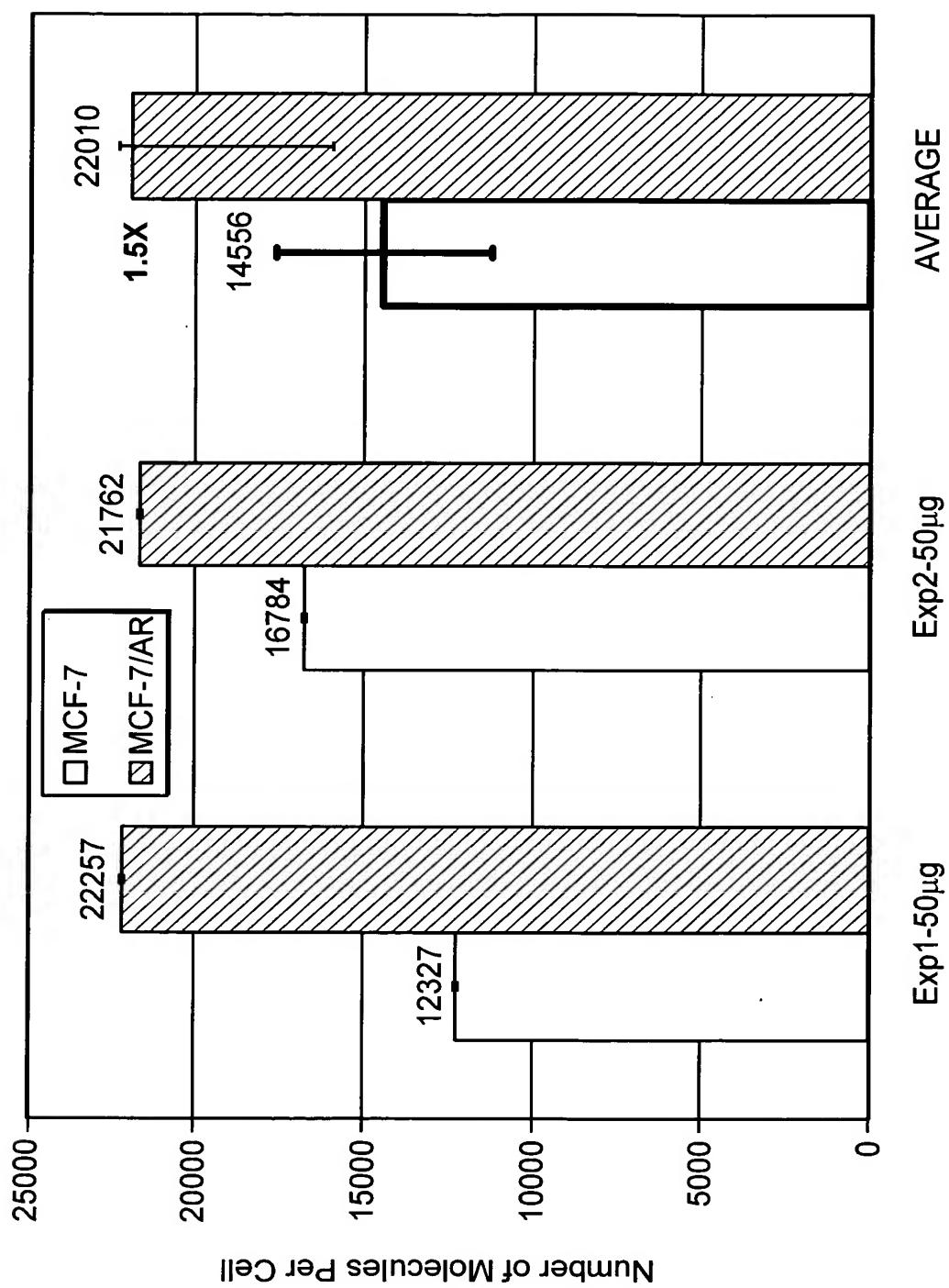


FIG. 11

POLYPEPTIDE SEQUENCE OF HUMAN VIMENTIN
(GENBANK ACCESSION NO. P08670 (SEQ ID NO.1))

1 MSTRSVSSSS YRRMFGGGT ASRPPSSSRYY VTTSTRYSL GSALRPSTSR SLYASSSPGGV
61 YATRSSAVRL RSSVPGVRLQ QDSVDFSLAD AINTEFKNTR TNEKVELQEL NDRFANYIDK
121 VRFILEQONKI LIAELEQLKG QGKSRLGDLY EEMRELRRQ VDQLTNDKAR VEVERDNLAE
181 DIMRLREKLIQ EEMLQREEAE NTLQSFRQDV DNASLARILDL ERKVESLQEE IAFLKKLHEE
241 EIQELQAQIQQ EQHVQIIDV DVRLQYESVA AKNLQEAEW YKSKEADLSE
301 AANRNNDAALR QAKQESTEYR RQVQSLTCEV DALKGTNESL ERQMREMEEN FAVEAANYQD
361 TIGRLQDEIQ NMKEEMARHL REYQDLLNVK MALDIEIATY RKLLEGESR ISLPLPNFSS
421 LNLRETNLDS LPLVDTHSKR TFLIKTVETR DGQVINETSQ HHDDLE

FIG. 12B-1

FIG. 12B-1

FIG. 12B-2

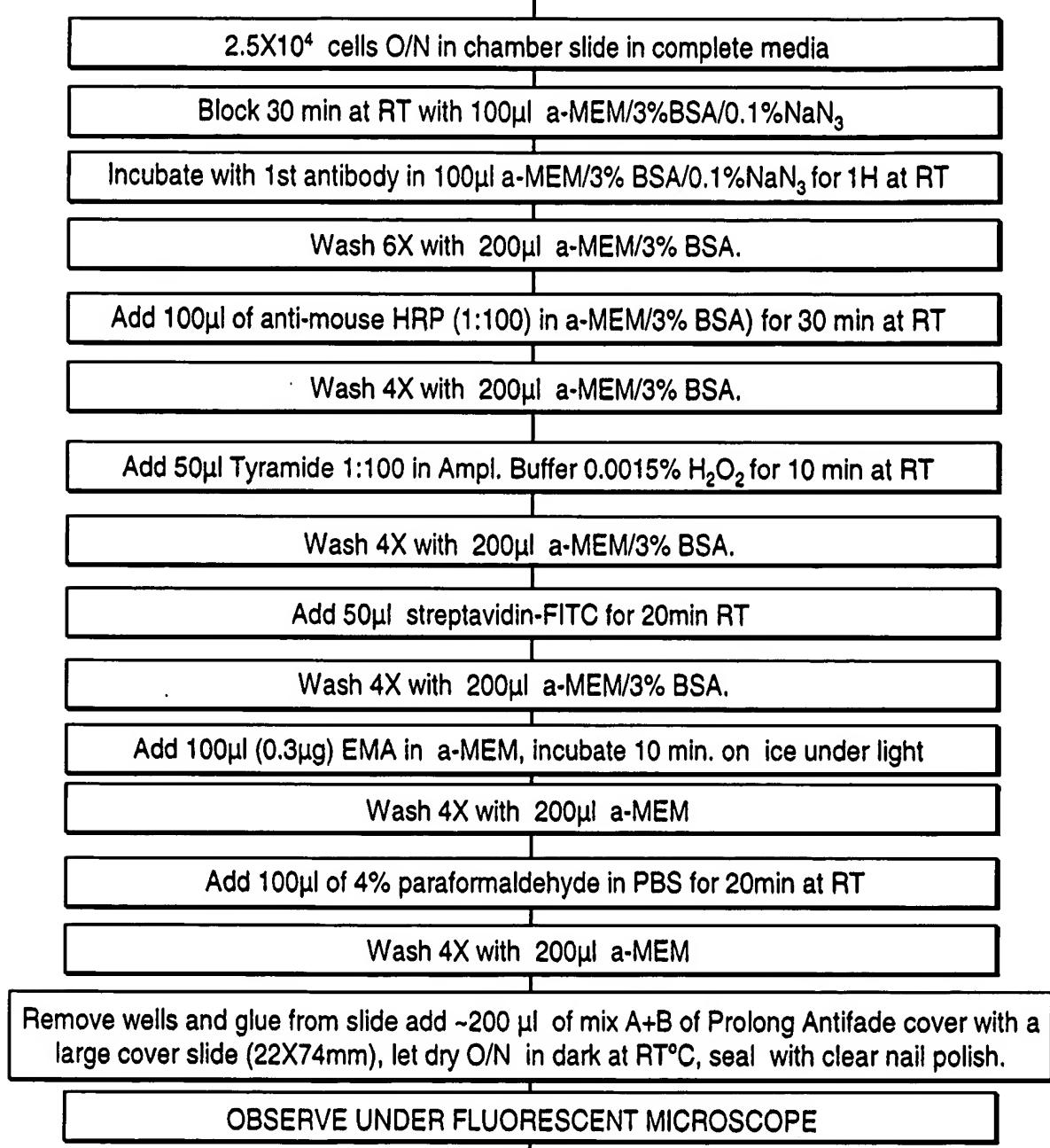
**NUCLEIC ACID SEQUENCE OF HUMAN VIMENTIN
(GENBANK ACCESSION NO. X56134 (SEQ ID NO.2))**

1 CGGCCACCG CCGCCGCCA GGCCATCGCC ACCCTCCGCA GCCATGTCCA CCAGGTCCGT
61 GTCTCGTCC TCCTACCGCA GGATGTTCGG CGGCCGGGC ACCGCGAGCC GGCCGAGCTC
121 CAGCCGGAGC TACGTGACTA CGTCCACCCG CACTACAGC CTGGGAGCG CGCTGCGCCC
181 CAGCACCGC CGCAGCCTCT ACGCCTCGTC CCCGGGGGC GTGTATGCCA CGGCCTCCTC
241 TGCCGTGCC C^TTGCCGAGCA GCGTGCCGG GGTGGGCTC CTGCAGGACT CGGTGGACTT
301 CTCGCTGCC GACGCCATCA ACACCGAGT CAAGAACACC CGCACCAACG AGAACGGTGGAA
361 GCTGGAGGAG CTGAATGACC GCTTCGCCAA CTACATCCAC AAGGTGGGCT TCCTGGAGCA
421 GCAGAATAAG ATCCTGCTGG CCGAGCTCGA GCAGCTCAAG GCCAAAGGCA AGTCCGGCCCT

13/23

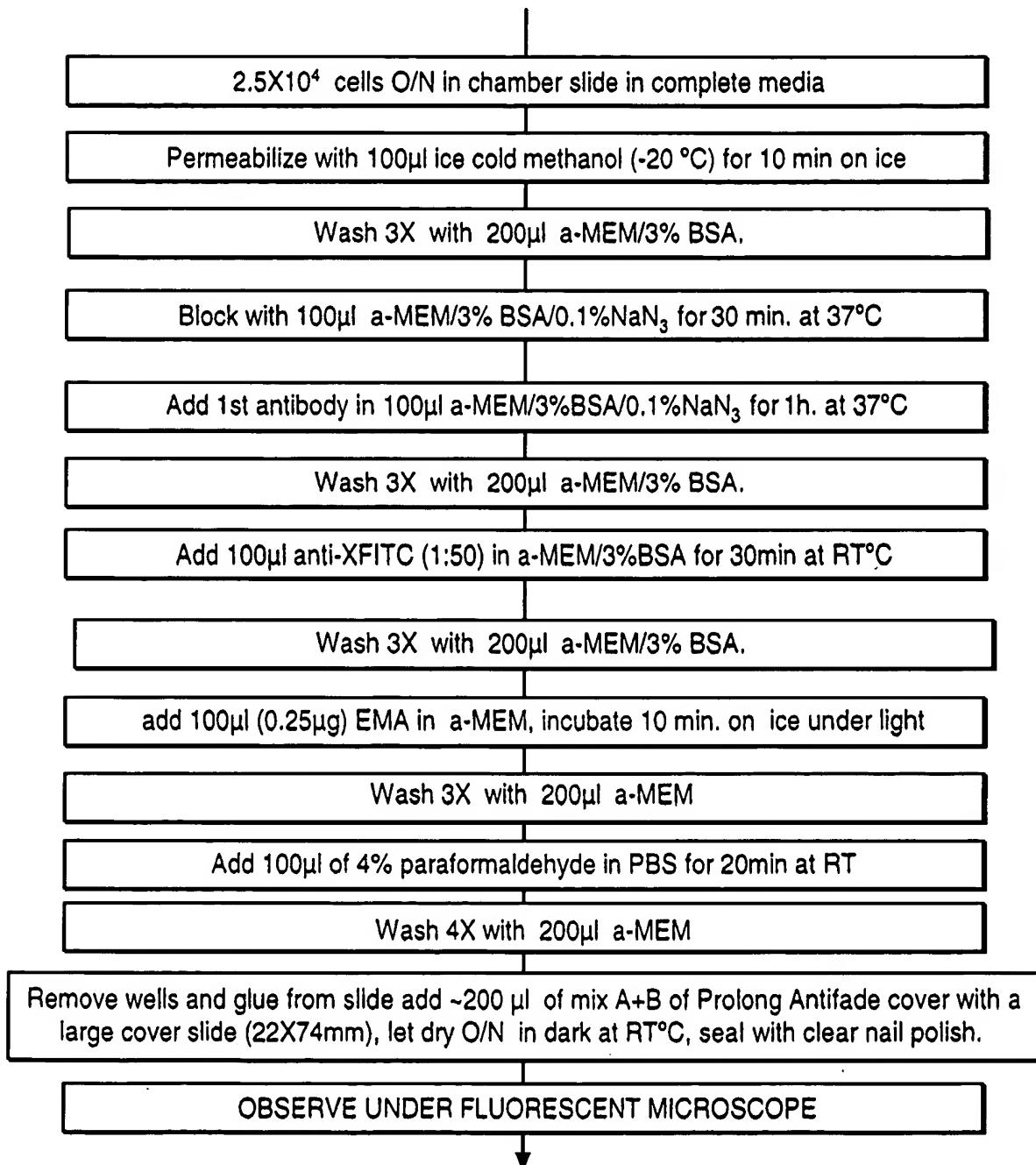
481 GGGGACCTC TACGAGGAGG AGATGCCGG GCTGCCGG CAGGTGGACC AGCTAACCAA
541 CGACAAAGCC CGCGTCCGAGG TGGAGCGCGA CAAACCTGGCC GAGGACATCA TGGCCTCCG
601 GGAGAAATTG CAGGAGGAGA TGCTTCAGAG AGAGGAAGCC GAAAACACCC TGCAATCTTT
661 CAGACAGGAT GTTGACAATG CGTCTCTGGC ACGTCTTGAC CTTGAACGCA AAGTGGAAATC
721 TTTGCAAGAA GAGATTGCC TTTGCAAGAA ACTCCACGAA GAGGAATCC AGGAGCTGCA
781 GGCTCAGATT CAGGAACAGC ATGTCCTAAAT CGATGTGGAT GTTTCCAAGC CTGACCTCAC
841 GGCTGCCCTG CGTGACCGTAC GTCAAGCAATA TGAAAGTGTG GCTGCCAAGA ACCTGGAGGA
901 GGGCAAGAA TGGTACAAT CCAAGTTTGC TGACCTCTTG GAGGCTGCCA ACCGGAACAA
961 TGACGCCCTG CGCCAGGCCA AGCAGGAGTC CACTGAGTAC CGGAGACAGG TGCAGTCCCT
1021 CACCTGTGAA GTGGATGCC TTAAAGGAAC CAATGAGTCC CTGGAACGCC AGATGCGTGA
1081 AATGGAAGAG AACTTTGCCG TTGAGCTGC TAACTACCAA GACACTATTG GCCGCCCTGCA

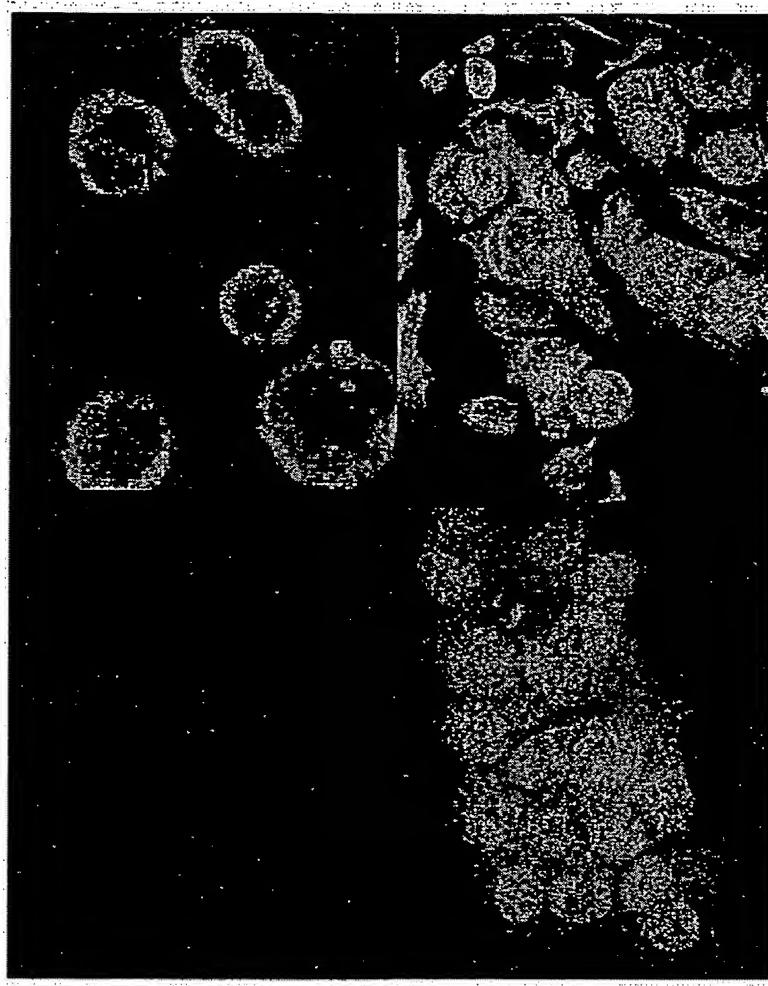
1141 GGATGAGATT CAGAATATGA AGGGAAAT GGCTCGTCAC CTTCGTGAAT ACCAAGACCT
1201 GCTCAATGTT AAGATGGCCC TTGACATTGA GATTGCCACC TACAGGAAGC TGCTGGAAAGG
1261 CGAGGAGAGC AGGATTCTCTC TGCCCTCTTC AAACTTTCC TCCCTGAACC TGAGGGAAAC
1321 TAATCTGGAT TCACTCCCTC TGTTGATAC CCACTCAAAA AGGACACTTC TGATTAAGAC
1381 GGTGAAACT AGAGATGGAC AGGTATATCAA CGAAACTTCT CAGGCATCAGC ATGACCTTG
1441 ATAAAATTC CACACACTCA GTGCAGCAAT ATATTACCA CGAAGATAAA AAAGAAATCC
1501 ATATCTAAA GAAACAGCTT TCAAGTGCCT TTCTGCAGTT TTTCAGGAGC GCAAGATAGA
1561 TTTGGAATAG GAATAAGCTC TAGTTCTAA CAACCGACAC TCCTACAAGA TTTAGAAAAA
1621 AGTTTACAAC ATAATCTAGT TTACAGAAA ATCTTGTGCT AGAATACTTT TTAAAGGTA
1681 TTTGAAATAC CATTAAACT GCTTTTTT TTCCAGCAAG TATCCACCA ACTTGGTTCT
1741 GCTTCAATAA ATCTTTGGAA AAACTA

Procedure for immunofluorescence (non-permeabilized cells)

Amplification kit used:
 TSA kit #2 with
 HRP-goat anti-mouse
 IgG and Alexa fluor 488
 tyramide from molecular
 probes T-20192

FIG. 13A

Procedure for immunofluorescence (permeabilized cells)**FIG. 13B**



MCF-7 MCF-7AR

FIG. 14

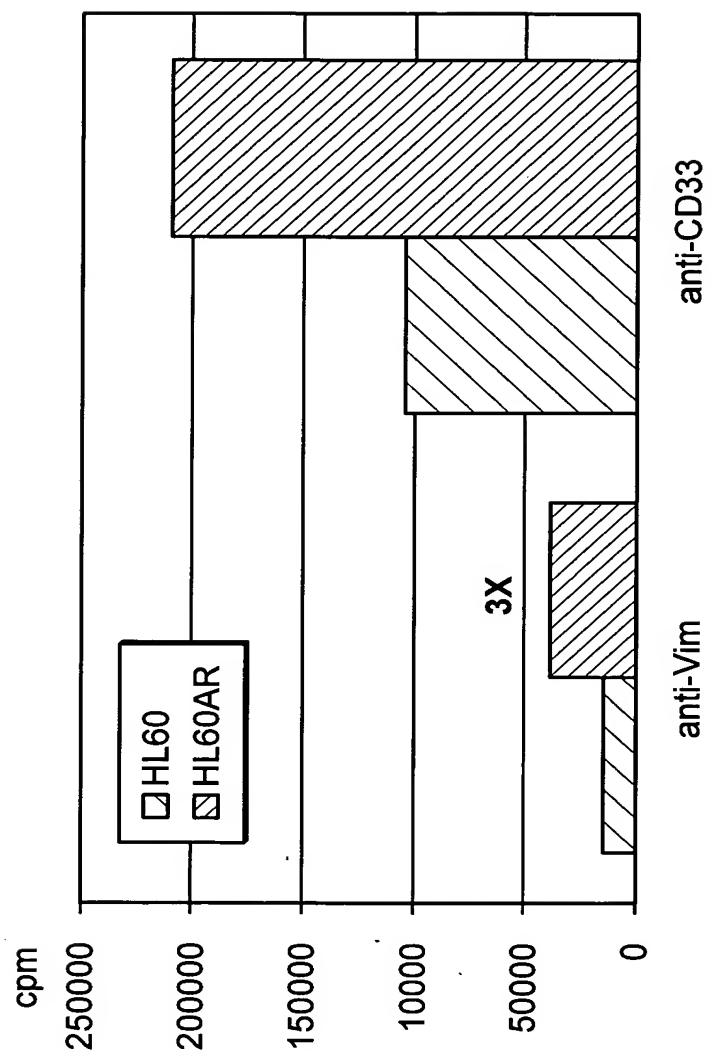


FIG. 15

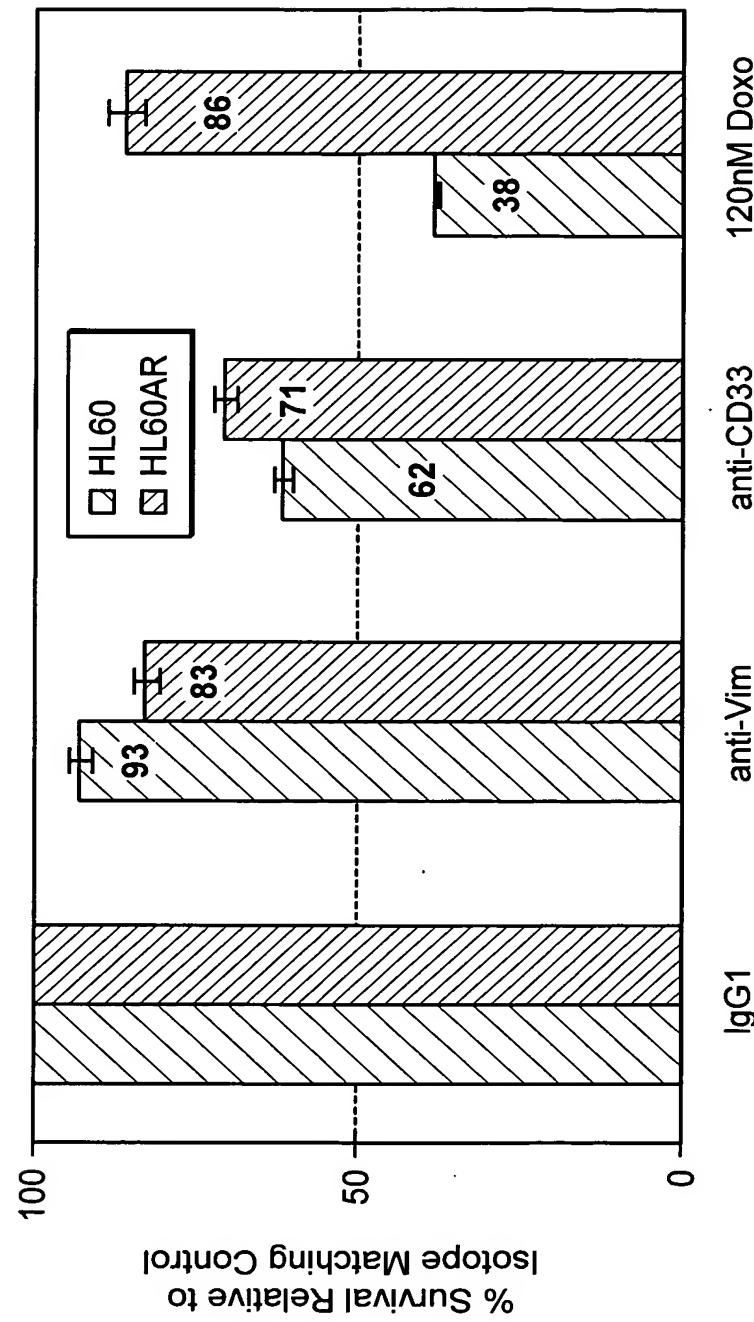


FIG. 16

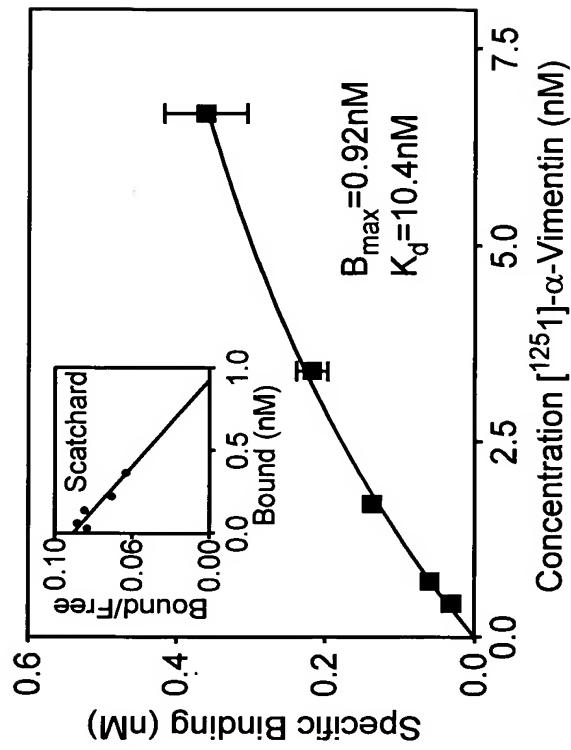


FIG. 17A

FIG. 17B

cells	AVE	STD	Kd	R/S
MCF-7	9.1.E+03	8.8.E+03	nd	
MCF-7/AR	3.8.E+05	1.1.E+05	nd	41.2
MDA	6.3.E+05	1.6.E+05	9.3±2.8	
MDA/mito	2.5.E+06	7.6.E+05	5.7±3.1	4.0
SKOV3	7.4.E+05	3.7.E+05	nd	
SKOV/T320	1.2.E+06	2.0.E+05	nd	1.6
2008	4.1.E+04	2.2.E+04	nd	
2008/T320	8.3.E+04	1.3.E+04	nd	2.0

FIG. 17C

